

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Takao KAWASAKI et al.

Title: INTERNAL EGR QUANTITY  
ESTIMATION, CYLINDER INTAKE  
AIR QUANTITY CALCULATION,  
VALVE TIMING CONTROL, AND  
IGNITION TIMING CONTROL

Appl. No.: Unknown

Filing Date: July 26, 2001

Examiner: Unknown

Art Unit: Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takao KAWASAKI  
Masahiro ARAI

Enclosed are:

- [ X ] Specification, Claims, and Abstract (40 pages).
- [ X ] Formal drawings (14 sheets, Figures 1-18).
- [ X ] Declaration and Power of Attorney (4 pages).
- [ X ] Assignment of the invention to NISSAN MOTOR CO., LTD.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Claim of Convention Priority and Certified Copy of Priority Document.
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO-1449 with copies of 2 listed reference(s).

07/26/01  
J1003 U.S. PTO

09912388 07/26/01

Jc971 U.S. PTO  
09/912388  
07/26/01

The filing fee is calculated below:

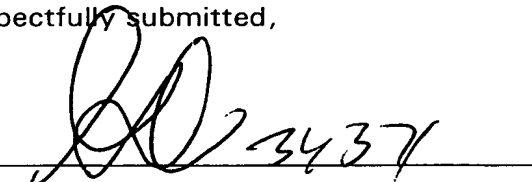
	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	49	- 20	= 29	x \$18.00	= \$522.00
Independents:	4	- 3	= 1	x \$80.00	= \$80.00
If any Multiple Dependent Claim(s) present:			+	\$270.00	= \$0.00
				SUBTOTAL:	= \$1312.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$1,312.00
Assignment Recordation Fee:			+	\$40.00	= \$40.00
				TOTAL FEE	= \$1,352.00

- [ X ] A check in the amount of \$1,352.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

Date: July 26, 2001

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399